

What is claimed is:

1. A computing system comprising:
a field computer comprising a display having a specific size and
5 resolution; and
an Internet server having server control routines and connected to the
field computer by a data link;
wherein the server control routines are adapted to establish type and
functionality of the field computer and to prepare and transmit data to the
10 field computer in a form specifically adapted to the characteristics of the field
computer.
2. A computing system as in claim 1 wherein the field computer is a portable
computer powered by an electrical storage cell system.
- 15 3. A computing system as in claim 2 wherein the field computer operates at a
maximum one-hundred-thousand instructions per second.
- 20 4. A computing system as in claim 1 wherein the Internet server uploads data
comprising WEB pages and transposes the data to match the specific size and
resolution of the display of the field computer before transmitting the data to
the field computer.
- 25 5. A computing system as in claim 4 wherein the Internet server composes
the transposed data as a single file before transmitting the data as a single file
to the field computer.
- 30 6. A computing system as in claim 1 wherein, upon connection, the field
computer transfers to the Internet server information particular to specific
characteristics of the field computer, and wherein the Internet server
incorporates the information in transposing data for transfer to the field
computer.

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7. A computing system as in claim 1 wherein the Internet server, upon transposing data for transfer to the field computer, saves a copy of the transposed data for future use with the field computer or another computer having similar characteristics.

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8. An Internet server comprising:

a data port adapted for connecting to a field computer;

a memory comprising WEB pages to be downloaded to the field computer; and

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control routines adapted to establish type and functionality of the field computer and to prepare and transmit data to the field computer in a form specifically adapted to the characteristics of the field computer.

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9. An Internet server as in claim 8 wherein data comprising WEB pages is uploaded and transposed the data to match the specific size and resolution of a display of a connected field computer before transmitting the data to the field computer.

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10. An Internet server as in claim 8 wherein the transposed data is composed as a single file before transmitting the data to the field computer.

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11. An Internet server as in claim 8 wherein, upon connection, the Internet server receives and incorporates information particular to specific characteristics of the field computer, and wherein the Internet server incorporates the information in transposing data for transfer to the field computer.

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12. An Internet server as in claim 8 wherein the Internet saves a copy of the transposed data for future use with the field computer or another computer having similar characteristics.

13. A method for adapting Internet data to be transmitted to a field computer, comprising steps of:

- (a) uploading the data from storage;
- (b) adapting the data to specific characteristics of the field computer;
- (c) transferring the transposed files to the field computer over a data link connecting the field computer to the Proxy-Server.

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14. The method of claim 13 wherein, in step (b), information specific to the field computer, transferred from the field computer, is used in adapting the data.

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15. The method of claim 14 wherein the information specific to the field computer comprises display type, size and resolution.

16. The method of claim 13 comprising a further step of saving a copy of the adapted data as a single file for future use in communicating with the field computer or with another computer having similar characteristics.

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